

REMARKS ON "A LIST OF THE INSECTS
OF NEW YORK"

BY GEORG OCHS

FRANKFURT A. MAIN

Family Gyrinidæ

Dineutus MacLeay

(MacLeay, 1825, Ann. Jav. I, p. 30; 1833, Ed. II, p. 133, named his new genus Dineutus, not Dineutes, as used by later authors. Cf. Ochs, 1924, Amer. Mus. Nov. 125, p. 1.)

- 2671 *D. ciliatus* Forsb. 1821 (= *vittatus* Germ. 1824; cf. Ochs, 1925, Ent. Blätter, XXI, p. 174); White Plains Bno.; Valley Cottage, May, CU.
- 2674 *D. discolor* Aubé. Ithaca, May–Oct., CU; Ithaca, Fall Creek, Aug., CU; Wells, Je., Babiy–CU; Penn Yan, Cy–CU; NY, HHS–CU. L. I.: Wading River, Aug., Carnegie Museum.
- 2679 *D. nigrrior* Rob. Ithaca, Je., Aug., CU; White Plains Bno; Fulton, Je., CU; Adirondacks, Indian Lake, Je., Babiy–CU. L. I.: Wading River, Aug., Carnegie Museum.
- 2680 *D. assimilis* Kirby. (The name *americanus* was used by Linné in 1767 for a West Indian species = *metallicus* Aubé, 1838; cf. Ochs, 1927, Kol. Rundschau, XIII, p. 36.) Buffalo; Ithaca, Apr.–May, Jl.–Sept., CU; Ithaca, Cove, Sept., CU; Fulton, Jl., CU; L. I.: Wading River, Aug., Carnegie Museum.
- 2681 *D. hornii* Rob. White Plains Bno; Ithaca, Je., Aug., CU; Cinnamon Lake, Je., Babiy–CU; Fulton, Je., CU; Adirondacks, Indian Lake, Jl., Babiy–CU; St. Lorenz R., Alexandria Bay, Je., Babiy–CU; L. I.: Wading River, Aug., Carnegie Museum.
- 2682 *D. emarginatus* Say. S. I., AM.

Gyrinus Geoffroy

- 2684 *G. minutus* Fab. Ithaca, CU.
 ——— *G. rockinghamensis* Lec. NY, AM.
G. minutus and *G. rockinghamensis* must be separated; they are probably different species, at least the latter is a well distinguished varietal form.
- 2685 *G. confinis* Lee. Ithaca, Jl.-Sept., CU.
 2687 *G. aneolus* Lec. Ithaca, Jl.-Sept., CU; NYC and vic. AM; SI.: AM.
- 2688 = 2690 *G. limbatus* Say. There is nearly no doubt for me that *G. elevatus* Lec. is the same as Say meant. It is collected chiefly in the Southern States and records from N. Y. seem to be doubtful.
- *G. latilimbus* Fall. Ithaca, Ap., Aug.-Sep., CU; Old Forge, Aug., CU.
- 2689 *G. dichrous* Lec. NY, AM.; Ithaca, CU.
 2691 *G. ventralis* Kirby. Ithaca, CU.
 2692 *G. aquiris* Lec. Ithaca, Ap.-May, Jl.-Sep., CU; Old Forge, Aug., CU; SI, AM.
- It seems to me, as Fall had already presumed, that *G. aquiris* and *G. consobrinus* are not specifically different. As seen in considerable material, all characters, which were hitherto regarded as distinctive, do overlap, so the species must take the older name: *consobrinus* Lec. (types from California). *Aquiris* (types from Middle States) may perhaps be retained for eastern specimens, if they are considered as a variety; the chief distinguishing characters, more straight truncature of elytra, body apically less narrowed, are, however, not constant.
- 2695 *G. maculiventris* Lec. Ithaca, CU.
 2696 *G. affinis* Aubé (= *striolatus* Fowl. 1887, cf. Zimmerm. 1926, Kol. Rundschau, XII, p. 97). Ithaca, Ap., Aug.-Sep., CU; Old Forge, Aug., CU; Cranberry Lake (H); L. I.: Wading River, Aug., Carnegie Museum.
- 2700 *G. analis* Say. Ithaca, Ap., Jl.-Aug., CU.

- 2705 *G. marinus* Gyll. does not occur in North America. The records given in the "List" under this number must be referred to another species.
- 2707 *G. borealis* Aubé. NYC and vic., AM; SI, AM.
- 2707a *G. lugens* Lec. is a distinct species and not to be confounded with *G. borealis* Aubé. Ithaca, CU; Old Forge, CU; McLean, May, Oct., CU; Tompkins Co., McLean Bogs, CU; NY, AM; L. I.: Wading River, Aug., Carnegie Museum.
- *G. frosti* Fall. Ithaca, Aug.-Sep., CU; White Plains Bno; NY, AM; SI, AM.
- *G. woodruffi* Fall. New York.
- *G. bifarius* Fall. Ithaca, Aug., CU.
- *G. lecontei* Fall. (Omitted in the "List!" Buffalo; Ithaca, CU.

NOTE: The above paper was submitted to Prof. H. C. Fall, who very kindly supplied the following statement.—*Ed.*

In a footnote on p. 262 of the "New York State List of Insects" I am credited with having read the manuscript of the list of Gyridae, and the casual reader might reasonably infer that the list as there given was in accordance with my views, or at least met with my acceptance. Such is far from the case in the genus *Gyrinus*, in which the list followed the Leng "Catalog," and for which I requested an entire rearrangement in accordance with my 1922 paper on the genus. For some reason this was not done, the authors of the "List" contenting themselves with appending the new species at the end of the old list and adding a footnote to the effect that the sequence of species is that of the Leng "Catalog" and not that of my more recent Revision.

So far as *Gyrinus* is concerned the corrections indicated by Ochs in the above contribution are precisely those called for in my 1922 paper, except that in two cases of synonymy indicated by me as possible, he goes a step further and is inclined to accept them as established. To be specific, he expresses almost no doubt that *G. elevatus* Lec. is the same as Say's *limbatus*, and is ready to unite *acquiris* Lec. with *consobrinus* Lec.

I have given reasons in my paper for refraining from announcing the above possible synonymy as established, and may here add that had Say actually had *elevatus* in hand it seems highly probable that he would have observed and mentioned its notably more convex almost humped form relative to that of *analisis* with which he compares it.

As regards *acquiris* and *consobrinus* there are still, so far as I know, no reliable records of *acquiris* from west of the Mississippi, nor of *consobrinus* from anywhere east of the Great Basin. The slight difference in the male genitalia noted by me needs also to be tested by further dissections before we can safely announce the identity of the two species.

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